

example of FIG. 6D, user 302 may have picked up “A Tale of Two Cities”, as illustrated in the example of FIG. 3. For example, apparatus 304 of FIG. 3 may have determined a printed document identifier associated with printed document 310, for example, “A Tale of Two Cities”. In such an example, apparatus 304 of FIG. 3 may have determined that the printed document identifier corresponded with a historical printed document record, and subsequently retrieved and rendered the information illustrated in the example of FIG. 6D. As such, user 302 of FIG. 3 may be reminded that the last time that the user was reading “A Tale of Two Cities”, the user was at a location near Café Latte in Paris, France. In this manner, printed document interaction attribute type 566 is a locational printed document interaction attribute, and printed document interaction attribute value 568 indicates a most recent location associated with the user reading “A Tale of Two Cities”.

[0113] FIG. 7 is a flow diagram illustrating activities associated with causation of rendering of information indicative of a printed document interaction attribute according to at least one example embodiment. In at least one example embodiment, there is a set of operations that corresponds with the activities of FIG. 7. An apparatus, for example electronic apparatus 10 of FIG. 1, or a portion thereof, may utilize the set of operations. The apparatus may comprise means, including, for example processor 11 of FIG. 1, for performance of such operations. In an example embodiment, an apparatus, for example electronic apparatus 10 of FIG. 1, is transformed by having memory, for example memory 12 of FIG. 1, comprising computer code configured to, working with a processor, for example processor 11 of FIG. 1, cause the apparatus to perform set of operations of FIG. 7.

[0114] At block 702, the apparatus receives visual information from a camera module. The receipt, the visual information, and the camera module may be similar as described regarding FIG. 2, FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0115] At block 704, the apparatus determines that the visual information comprises visual information indicative of a printed document that is being read by a user. The determination, the printed document, the user, and the visual information indicative of the printed document being read by the user may be similar as described regarding FIG. 2, FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0116] At block 706, the apparatus determines a printed document identifier that identifies the printed document based, at least in part, on the visual information. The determination and the printed document identifier FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0117] At block 708, the apparatus determines that the printed document identifier corresponds with a historical printed document record. The determination and the historical printed document record may be similar as described regarding FIG. 3, FIG. 4, FIGS. 5A-5B, and FIGS. 6A-6D.

[0118] At block 710, the apparatus retrieves at least one printed document interaction attribute associated with the printed document identifier from the historical printed document record. The retrieval and the printed document interaction attribute may be similar as described regarding FIG. 3, FIG. 4, FIGS. 5A-5B, and FIGS. 6A-6D.

[0119] At block 712, the apparatus causes rendering of information indicative of the printed document interaction attribute. The causation, the rendering, and the information

indicative of the printed document interaction attribute may be similar as described regarding FIG. 2, FIG. 3, FIG. 4, FIGS. 5A-5B, and FIGS. 6A-6D.

[0120] FIG. 8 is a flow diagram illustrating activities associated with causation of rendering of information indicative of a printed document interaction attribute according to at least one example embodiment. In at least one example embodiment, there is a set of operations that corresponds with the activities of FIG. 8. An apparatus, for example electronic apparatus 10 of FIG. 1, or a portion thereof, may utilize the set of operations. The apparatus may comprise means, including, for example processor 11 of FIG. 1, for performance of such operations. In an example embodiment, an apparatus, for example electronic apparatus 10 of FIG. 1, is transformed by having memory, for example memory 12 of FIG. 1, comprising computer code configured to, working with a processor, for example processor 11 of FIG. 1, cause the apparatus to perform set of operations of FIG. 8.

[0121] As discussed previously, in many situations, a user may begin reading a book that the user has not read before. For example, the user may receive a new book as a gift, and may desire to begin reading the book. In such an example, it may be desirable to cause storage of a printed document identifier that identifies the new book in a historical printed document record. It may also be desirable to cause storage of information indicative of one or more printed document interaction attributes associated with the new book. In such an example, the user may temporarily discontinue reading the book, and may later resume reading the book. As such, the user may desire to be reminded of information associated with the last interactions the user may have had with the book, for example, a most recently read page, a location, and/or the like.

[0122] At block 802, the apparatus receives visual information from a camera module. The receipt, the visual information, and the camera module may be similar as described regarding FIG. 2, FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0123] At block 804, the apparatus determines that the visual information comprises visual information indicative of a printed document that is being read by a user. The determination, the printed document, the user, and the visual information indicative of the printed document being read by the user may be similar as described regarding FIG. 2, FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0124] At block 806, the apparatus determines a printed document identifier that identifies the printed document based, at least in part, on the visual information. The determination and the printed document identifier FIG. 3, FIG. 4, and FIGS. 5A-5B.

[0125] At block 808, the apparatus determines that the printed document identifier fails to correspond with a historical printed document record. The determination and the historical printed document record may be similar as described regarding FIG. 3, FIG. 4, FIGS. 5A-5B, and FIGS. 6A-6D.

[0126] At block 810, the apparatus determines at least one printed document interaction attribute associated with the printed document based, at least in part, on the visual information. The determination and the printed document interaction attribute may be similar as described regarding FIG. 3, FIG. 4, FIGS. 5A-5B, and FIGS. 6A-6D.